

EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|---|----------|------------------|---------|------------------|
| L7 | 1 | ((rotat\$3 adj electric adj field) and (curv\$3 adj electrode) and axis). clm. | US-PGPUB | OR | ON | 2006/06/08 08:37 |

EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|---|--------------------------------|------------------|---------|------------------|
| L1 | 152 | 250/300 | US-PGPUB; USPAT; DERWENT | OR | ON | 2006/06/08 07:24 |
| L2 | 34 | 1 and rotat\$3 | US-PGPUB; USPAT; DERWENT | OR | ON | 2006/06/08 07:24 |
| L3 | 699 | rotat\$3 adj electric adj field | US-PGPUB; USPAT; DERWENT | OR | ON | 2006/06/08 08:35 |
| L4 | 11 | 3 and 250/29\$\$\$\$ | US-PGPUB; USPAT; DERWENT | OR | ON | 2006/06/08 07:36 |
| L5 | 1 | (US-6759651-\$).did. | USPAT | OR | ON | 2006/06/08 07:36 |
| L6 | 1 | 5 and axis | US-PGPUB; USPAT; DERWENT | OR | ON | 2006/06/08 07:37 |
| L7 | 1 | ((rotat\$3 adj electric adj field) and (curv\$3 adj electrode) and axis). clm. | US-PGPUB | OR | ON | 2006/06/08 08:37 |
| S1 | 9 | ("4221964" "4315149" "5625186" "5726448").PN. | US-PGPUB; USPAT; DERWENT | OR | ON | 2006/06/06 20:25 |
| S2 | 48 | ("4221964" "4315149" "5625186" "5726448") | US-PGPUB; USPAT; DERWENT | OR | ON | 2006/06/06 20:25 |
| S3 | 96 | ("5689111" "6020586" "5210412" "5382793" "4490806" "5712480" "5981946" "5777326" "6094627" "6316768" "6642516" "6825466" "5716825" "6140639" "5661298" "5633495" "5994694" "5331158" "5347126" "5496998" "5825025" "5202561" "5206506" "5861623" "5864137" "5917185" "5955730" "5965363" "6013913" "6040575" "6051378" "6204500" "4977320" "5245186" "5294797" "5463218" "5504326" "5510613" "5594243" "5625184" "5627369" "5641959" "5654544" "5696375" "5712479" "5744797" "5753909" "5760393" "5770857" "5784424").pn. | US-PGPUB; USPAT; DERWENT | OR | ON | 2006/06/06 20:25 |

EAST Search History

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| S4 | 884 | ("5689111" "6020586" "5210412" "5382793" "4490806" "5712480" "5981946" "5777326" "6094627" "6316768" "6642516" "6825466" "5716825" "6140639" "5661298" "5633495" "5994694" "5331158" "5347126" "5496998" "5825025" "5202561" "5206506" "5861623" "5864137" "5917185" "5955730" "5965363" "6013913" "6040575" "6051378" "6204500" "4977320" "5245186" "5294797" "5463218" "5504326" "5510613" "5594243" "5625184" "5627369" "5641959" "5654544" "5696375" "5712479" "5744797" "5753909" "5760393" "5770857" "5784424") | US-PGPUB; USPAT; DERWENT | OR | ON | 2006/06/06 20:25 |
| S5 | 50 | (US-5689111-\$ or US-6020586-\$ or US-5210412-\$ or US-5382793-\$ or US-4490806-\$ or US-5712480-\$ or US-5981946-\$ or US-5777326-\$ or US-6094627-\$ or US-6316768-\$ or US-6642516-\$ or US-6825466-\$ or US-5716825-\$ or US-6140639-\$ or US-5661298-\$ or US-5633495-\$ or US-5994694-\$ or US-5331158-\$ or US-5347126-\$ or US-5496998-\$ or US-5825025-\$ or US-5202561-\$ or US-5206506-\$ or US-5861623-\$ or US-5864137-\$ or US-5917185-\$).did. or (US-5955730-\$ or US-5965363-\$ or US-6013913-\$ or US-6040575-\$ or US-6051378-\$ or US-6204500-\$ or US-4977320-\$ or US-5245186-\$ or US-5294797-\$ or US-5463218-\$ or US-5504326-\$ or US-5510613-\$ or US-5594243-\$ or US-5625184-\$ or US-5627369-\$ or US-5641959-\$ or US-5654544-\$ or US-5696375-\$ or US-5712479-\$ or US-5744797-\$ or US-5753909-\$ or US-5760393-\$ or US-5770857-\$ or US-5784424-\$).did. | USPAT | OR | ON | 2006/06/07 14:27 |
| S6 | 0 | S1 and spectrograph | US-PGPUB; USPAT; DERWENT | OR | ON | 2006/06/06 20:26 |
| S7 | 2 | S2 and spectrograph | US-PGPUB; USPAT; DERWENT | OR | ON | 2006/06/06 20:27 |

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| S8 | 1 | S3 and spectrograph | US-PGPUB; USPAT; DERWENT | OR | ON | 2006/06/06 20:28 |
| S9 | 16 | S4 and spectrograph | US-PGPUB; USPAT; DERWENT | OR | ON | 2006/06/06 20:30 |
| S10 | 1 | S5 and spectrograph | US-PGPUB; USPAT; DERWENT | OR | ON | 2006/06/06 20:26 |
| S11 | 26102 | mass adj spectrometer | US-PGPUB; USPAT; DERWENT | OR | ON | 2006/06/06 20:30 |
| S12 | 605 | S11 and guide and (ion adj beam) | US-PGPUB; USPAT; DERWENT | OR | ON | 2006/06/06 20:31 |
| S13 | 5 | S12 and rotat\$3 near (electric adj field) | US-PGPUB; USPAT; DERWENT | OR | ON | 2006/06/06 20:35 |
| S14 | 3 | S13 and circular | US-PGPUB; USPAT; DERWENT | OR | ON | 2006/06/07 16:57 |
| S15 | 5 | S12 and reflectron and (curve\$2 near electrode) | US-PGPUB; USPAT; DERWENT | OR | ON | 2006/06/06 20:36 |

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| S16 | 26 | (US-5689111-\$ or US-6020586-\$ or US-5210412-\$ or US-5382793-\$ or US-4490806-\$ or US-5712480-\$ or US-5981946-\$ or US-5777326-\$ or US-6094627-\$ or US-6316768-\$ or US-6642516-\$ or US-6825466-\$ or US-5716825-\$ or US-6140639-\$ or US-5661298-\$ or US-5633495-\$ or US-5994694-\$ or US-5331158-\$ or US-5347126-\$ or US-5496998-\$ or US-5825025-\$ or US-5202561-\$ or US-5206506-\$ or US-5861623-\$ or US-5864137-\$ or US-5917185-\$).did. or (US-5955730-\$ or US-5965363-\$ or US-6013913-\$ or US-6040575-\$ or US-6051378-\$ or US-6204500-\$ or US-4977320-\$ or US-5245186-\$ or US-5294797-\$ or US-5463218-\$ or US-5504326-\$ or US-5510613-\$ or US-5594243-\$ or US-5625184-\$ or US-5627369-\$ or US-5641959-\$ or US-5654544-\$ or US-5696375-\$ or US-5712479-\$ or US-5744797-\$ or US-5753909-\$ or US-5760393-\$ or US-5770857-\$ or US-5784424-\$).did. and circular adj detector | USPAT | OR | ON | 2006/06/07 14:30 |
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EAST Search History

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| S17 | 50 | (US-5689111-\$ or US-6020586-\$ or US-5210412-\$ or US-5382793-\$ or US-4490806-\$ or US-5712480-\$ or US-5981946-\$ or US-5777326-\$ or US-6094627-\$ or US-6316768-\$ or US-6642516-\$ or US-6825466-\$ or US-5716825-\$ or US-6140639-\$ or US-5661298-\$ or US-5633495-\$ or US-5994694-\$ or US-5331158-\$ or US-5347126-\$ or US-5496998-\$ or US-5825025-\$ or US-5202561-\$ or US-5206506-\$ or US-5861623-\$ or US-5864137-\$ or US-5917185-\$).did. or (US-5955730-\$ or US-5965363-\$ or US-6013913-\$ or US-6040575-\$ or US-6051378-\$ or US-6204500-\$ or US-4977320-\$ or US-5245186-\$ or US-5294797-\$ or US-5463218-\$ or US-5504326-\$ or US-5510613-\$ or US-5594243-\$ or US-5625184-\$ or US-5627369-\$ or US-5641959-\$ or US-5654544-\$ or US-5696375-\$ or US-5712479-\$ or US-5744797-\$ or US-5753909-\$ or US-5760393-\$ or US-5770857-\$ or US-5784424-\$).did. | USPAT | OR | ON | 2006/06/07 14:29 |
| S18 | 0 | S17 and circular adj detector | USPAT | OR | ON | 2006/06/07 14:30 |
| S19 | 409 | curved adj electrode | USPAT | OR | ON | 2006/06/07 14:32 |
| S20 | 87 | S19 and guide | USPAT | OR | ON | 2006/06/07 14:32 |
| S21 | 9 | S20 and mass and spectrom\$5 | USPAT | OR | ON | 2006/06/07 14:33 |
| S22 | 699 | curved adj electrode | US-PGPUB; USPAT; DERWENT | OR | ON | 2006/06/07 16:57 |
| S23 | 87 | S22 and guide | USPAT | OR | ON | 2006/06/07 14:33 |
| S24 | 155 | S22 and guide | US-PGPUB; USPAT; DERWENT | OR | ON | 2006/06/07 16:57 |
| S25 | 14 | S24 and mass and spectrom\$5 | US-PGPUB; USPAT; DERWENT | OR | ON | 2006/06/07 14:33 |
| S26 | 3 | (US-20030201387-\$ or US-20030155496-\$).did. or (US-6759651-\$).did. | US-PGPUB; USPAT | OR | ON | 2006/06/07 16:35 |
| S27 | 3 | (US-20030201387-\$ or US-20030155496-\$).did. or (US-6759651-\$).did. and rotat\$3 | US-PGPUB; USPAT | OR | ON | 2006/06/07 16:36 |
| S28 | 2 | S27 and rotat\$3 | US-PGPUB; USPAT | OR | ON | 2006/06/07 16:36 |

EAST Search History

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| S29 | 50 | (US-5689111-\$ or US-6020586-\$ or US-5210412-\$ or US-5382793-\$ or US-4490806-\$ or US-5712480-\$ or US-5981946-\$ or US-5777326-\$ or US-6094627-\$ or US-6316768-\$ or US-6642516-\$ or US-6825466-\$ or US-5716825-\$ or US-6140639-\$ or US-5661298-\$ or US-5633495-\$ or US-5994694-\$ or US-5331158-\$ or US-5347126-\$ or US-5496998-\$ or US-5825025-\$ or US-5202561-\$ or US-5206506-\$ or US-5861623-\$ or US-5864137-\$ or US-5917185-\$).did. or (US-5955730-\$ or US-5965363-\$ or US-6013913-\$ or US-6040575-\$ or US-6051378-\$ or US-6204500-\$ or US-4977320-\$ or US-5245186-\$ or US-5294797-\$ or US-5463218-\$ or US-5504326-\$ or US-5510613-\$ or US-5594243-\$ or US-5625184-\$ or US-5627369-\$ or US-5641959-\$ or US-5654544-\$ or US-5696375-\$ or US-5712479-\$ or US-5744797-\$ or US-5753909-\$ or US-5760393-\$ or US-5770857-\$ or US-5784424-\$).did. | USPAT | OR | ON | 2006/06/07 16:51 |
| S30 | 8 | S29 and rotat\$3 | US-PGPUB; USPAT; DERWENT | OR | ON | 2006/06/07 16:56 |
| S31 | 884 | ("5689111" "6020586" "5210412" "5382793" "4490806" "5712480" "5981946" "5777326" "6094627" "6316768" "6642516" "6825466" "5716825" "6140639" "5661298" "5633495" "5994694" "5331158" "5347126" "5496998" "5825025" "5202561" "5206506" "5861623" "5864137" "5917185" "5955730" "5965363" "6013913" "6040575" "6051378" "6204500" "4977320" "5245186" "5294797" "5463218" "5504326" "5510613" "5594243" "5625184" "5627369" "5641959" "5654544" "5696375" "5712479" "5744797" "5753909" "5760393" "5770857" "5784424") | US-PGPUB; USPAT; DERWENT | OR | ON | 2006/06/07 16:55 |
| S32 | 161 | S31 and rotat\$3 | US-PGPUB; USPAT; DERWENT | OR | ON | 2006/06/07 16:56 |

EAST Search History

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| S33 | 0 | S32 and curved adj electrode | US-PGPUB; USPAT; DERWENT | OR | ON | 2006/06/07 16:57 |
| S34 | 104 | S32 and electrode | US-PGPUB; USPAT; DERWENT | OR | ON | 2006/06/07 16:57 |
| S35 | 49 | S34 and circular | US-PGPUB; USPAT; DERWENT | OR | ON | 2006/06/07 16:57 |
| S36 | 14 | S35 and guide | US-PGPUB; USPAT; DERWENT | OR | ON | 2006/06/07 17:04 |
| S37 | 218 | 250/299 | US-PGPUB; USPAT; DERWENT | OR | ON | 2006/06/07 17:04 |
| S38 | 38 | S37 and rotat\$3 | US-PGPUB; USPAT; DERWENT | OR | ON | 2006/06/07 17:08 |
| S39 | 698 | rotat\$3 adj electric adj field | US-PGPUB; USPAT; DERWENT | OR | ON | 2006/06/07 17:09 |
| S40 | 13 | S39 and mass adj spectrometer | US-PGPUB; USPAT; DERWENT | OR | ON | 2006/06/08 07:24 |